

CASE:

PWM =1 DIR =1 282

•	1	STATE	STATE	STATE	3	STATE	STATE	
FET GATES		1	2	3	4	5	5	
gı —								
<b>Q</b> 2 ——								
Q3								
The period of th								
First .								
Q5								
-N 1999; W 1999; St. uffir. Union								
RESOLVER						-		
ANGLE 0 (2 POLE PAIRS) DEG.RESOLVER		0-30	30-60 210-240	60-90 240-270	90-120 270-300	120-150 300-330	150-180 150-180	
COUNTS (20)		0-170	171-341	342-511	512-682	683-852	853-1023	
				<i>f</i>				
			~			1		
				/ /09		110		
	<i></i>			109		110		

CASE:

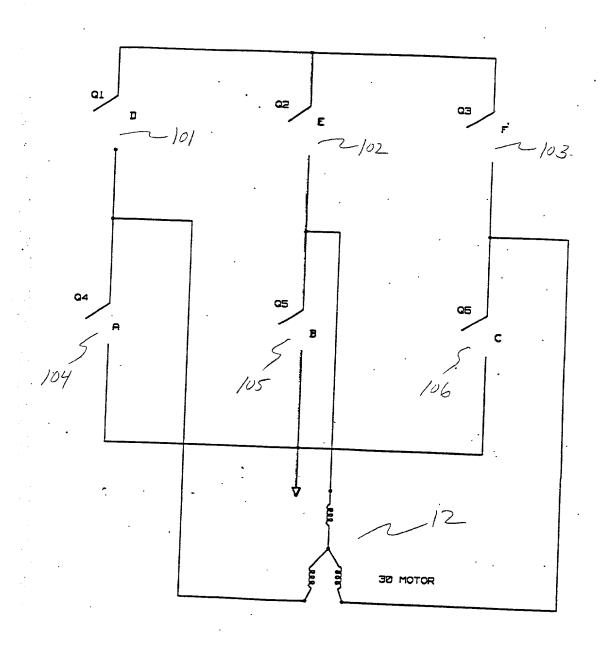
PWM =1 DIR =0 N 82

FET GATES	STATE 1	57ATE 2	STATE	STATE 4	STATE 5	STATE 6	
<b>0</b> 1	-						
c3 ———							
de d							
H.J.							
Q5						·	
						•	
RESOLVER ANGLE 0 (2 POLE PAIRS) DEG.RESOLVER	0-30 0-30	30-50 210-240	50-90 240-270	90–120 270–300	120 <b>-</b> 150 300-330	150-180 330-350	
COUNTS (20)	0-170	171-341	<b>342-5</b> 11	512 <del>-6</del> 82	583-652	853-1023	

CASE:

PWM =0 DIR =Don't care N32

DIR = 1 P	wm = 0 wm = 0 , STATE	<i>-</i>	<b>X</b> 1 .				
FET GATES	1	57797 2	E   STA	1 3,	1 .,.,,		I
Q1 Ø	_						
				-			
OS 8							
03 Ø —							-
Q3 0 — Q4 1 — Q4 1 — Q7 Fig. 1							-
G4 D			<u> </u>			_	
C5 0		_				·	
ere Per			-				
Q5 1							
THE COLUMN TO TH		1			_		
Strategy (Sec. 1997)	_						
• •		'					
RESOLVER ANGLE 0 (2 POLE PAIRS)	Ø-3Ø	30-60	50-9g	90-120	120-150		
DEG. RESOLVER	180-210	210-240	240-270	270-300	300-330	330-360 150-180	
			1				
COUNTS (28)	0-170	171-341	342-511	512-682	583 <b>-</b> 852	853-1023	
		ı	ľ ,	1		1023	



/<del>-</del>I6. 6

N 132

IF Magnitude > 180 deg elec

IF SIGN is neg, ADD 360 deg elec

ELSE

IF SIGN is pos, SUBTRACT 360 deg elec

ELSE

OUTPUT = INPUT